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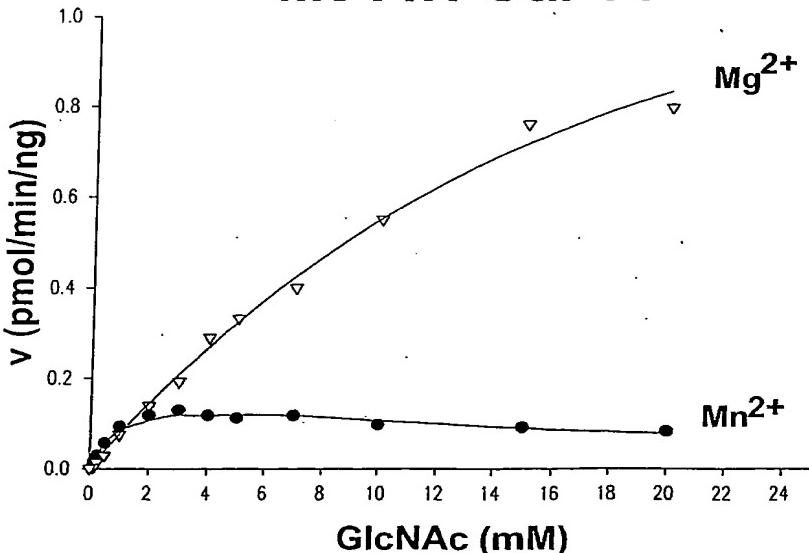
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(54) Title: CATALYTIC DOMAINS OF BETA(1,4)-GALACTOSYLTRANSFERASE I HAVING ALTERED METAL ION SPECIFICITY

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WO 2005/056783 A1

(57) Abstract: Disclosed are mutants of galactosyltransferases that can catalyze formation of oligosaccharides in the presence of magnesium; mutants of galactosyltransferases having altered donor and acceptor specificity which can catalyze formation of oligosaccharides in the presence of magnesium; methods and compositions that can be used to synthesize oligosaccharides; methods for increasing the immunogenicity of an antigen; and methods to stabilize platelets.

WO 2005/056783 A1



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